BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

PREMEASUREMENT SHEET

First & Part Bill

Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Column upto Plinth Beam Bottom							
C1	Cum	1	0.45	0.6	0.3	0.08	
C2	Cum	2	0.3	0.6	0.3	0.11	
C2	Cum	2	0.3	0.6	0.6	0.22	
C3	Cum	2	0.3	0.6	0.7	0.25	
C3	Cum	1	0.3	0.6	0.7	0.13	
C3'	Cum	1	0.3	0.6	0.7	0.13	
C3"	Cum	1	0.3	0.6	0.7	0.13	
C3'''	Cum	1	0.3	0.6	0.7	0.13	
C4	Cum	4	0.3	0.6	0.8	0.58	
C4	Cum	1	0.3	0.6	0.3	0.05	
C4	Cum	1	0.3	0.6	0.7	0.13	
C4'	Cum	1	0.3	0.6	0.8	0.14	
C5	Cum	2	0.3	0.6	0.85	0.31	
Plinth Beam							
PB2	Cum	2	12	0.2	0.45	2.16	
PB1	Cum	2	5.5	0.2	0.45	0.99	
PB2	Cum	1	14.8	0.2	0.45	1.33	
PB1	Cum	2	4.2	0.2	0.45	0.76	
PB2	Cum	2	3	0.2	0.45	0.54	
PB1	Cum	1	7.7	0.2	0.45	0.69	
PB1	Cum	2	7.4	0.2	0.45	1.33	
PB1	Cum	1	7.65	0.2	0.45	0.69	
PB1	Cum	1	8.1	0.2	0.45	0.73	
PB1	Cum	1	8.25	0.2	0.45	0.74	
PB2	Cum	1	6.7	0.2	0.45	0.60	
PB2	Cum	1	3.9	0.2	0.45	0.35	
PB2	Cum	1	3.6	0.2	0.45	0.32	
PB2	Cum	1	3.5	0.2	0.45	0.32	
PB2	Cum	1	3.3	0.2	0.45	0.30	

15/10/20

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

PUDHAPRASAD CONSULTANTS BANGALORE

PMC

27/10/20

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

PREMEASUREMENT SHEET

First & Part Bill

Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Sump							
Bottom Slab	Cum	1	3.7	3.7	0.15	2.05	
Side Walls	Cum	2	3.7	0.15	1.8	2.00	
	Cum	2	3.4	0.15	1.8	1.84	
Top slab	Cum	1	3.7	3.7	0.15	2.05	
					Total Executed Quantity	**209.65**	
					Quantity Carried to Summary	**209.65**	

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Asst. Executive Engir
Project Division
Yelahanka Zone
BBMP, Bangalore -

RUDRAPRASAD CONSULTANTS BANGALORE

4/12/20

PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

PREMEASUREMENT SHEET

First & Part Bill

Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.							
22-10-20, 18-09-20, 30-9-20 22-10-20 7-12-20 28-10-20, 13-11-20, 30-11-20, 7-12-20							
Sump	Tonne	From Steel Calculation				0.75	
Isolated Footings	Tonne	From Steel Calculation				6.22	
Combined Footings	Tonne	From Steel Calculation				11.08	
Columns	Tonne	From Steel Calculation				4.89	
Plinth Beam	Tonne	From Steel Calculation				2.33	
Roof Beam	Tonne	From Steel Calculation				9.14	
Roof slab	Tonne	From Steel Calculation				6.79	
Staircase	Tonne	From Steel Calculation				0.88	
Total Executed Quantity						**42.08**	
Quantity Carried to Summary						**42.08**	

Asst. Executive Engin
Project Division
Yelahanka Zone
BBMP, Bangalore - 9

RVP

SUDHAPRASAD CONSULTANTS BANGALORE

7/12/20

PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Name: Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description: Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.										
28-10-20, 18-09-20, 30-9-20, 28-10-20, 13-11-20, 30-11-20, 7-12-20 9/9/20 – 7/12/20										
Sump										
Cover slab	1									
□# @ 130c/c main bars alt.		12	15	16.00	3.70	0.00	3.70	59.20	0.89	52.56
□# @ 130c/c main bars alt.		12	15	16.00	3.70	2.02	5.72	91.46	0.89	81.20
□# @ 130c/c main bars alt.		12	15	16.00	3.70	0.00	3.70	59.20	0.89	52.56
□# @ 130c/c main bars alt.		12	15	16.00	3.70	2.02	5.72	91.46	0.89	81.20
⊞# Diagonal bars		12	4	4.00	2.00	0.00	2.00	8.00	0.89	7.10
Side wall 1	2									
□# @ 130c/c on outer face		12	29	59.00	1.80	0.00	1.80	106.20	0.89	94.29
⊞# @200c/c Dist. Bars		10	10	20.00	3.70	0.00	3.70	74.00	0.62	45.62
Side wall 2	2									
□# @ 130c/c on outer face		12	29	59.00	1.80	0.00	1.80	106.20	0.89	94.29
⊞# @200c/c Dist. Bars		10	10	20.00	3.70	0.00	3.70	74.00	0.62	45.62
Bottom slab	1									
□# @ 130c/c on outer face		12	29	30.00	3.70	0.00	3.70	111.00	0.89	98.55
□# @ 130c/c on outer face		12	29	30.00	3.70	0.00	3.70	111.00	0.89	98.55
									Sub total	751.53

9/9/20

PMC

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Owner: Smt. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description: Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
Isolated Footings										
C2										
Burs Along Long Direction	2	25	26	52	4.40	0.0	4.40	228.80	3.85	881.65
Burs Along Short Direction	2	25	26	52	4.00	0.0	4.00	208.00	3.85	801.50
C3										
Burs Along Long Direction	2	20	23	46	3.50	0.0	3.50	161.00	2.47	397.05
Burs Along Short Direction	2	20	23	46	3.50	0.0	3.50	161.00	2.47	397.05
C3'										
Burs Along Long Direction	1	25	19	19	4.40	0.0	4.40	83.60	3.85	322.14
Burs Along Short Direction	1	20	23	23	2.70	0.0	2.70	62.10	2.47	153.15
C3"										
Burs Along Long Direction	1	25	23	23	4.90	0.0	4.90	112.70	3.85	434.27
Burs Along Short Direction	1	20	24	24	2.30	0.0	2.30	55.20	2.47	136.13
C3'''										
Burs Along Long Direction	1	25	19	19	4.90	0.0	4.90	93.10	3.85	358.75
Burs Along Short Direction	1	20	26	26	2.60	0.0	2.60	67.60	2.47	166.71
C4										
Burs Along Long Direction	4	20	20	80	3.10	0.0	3.10	248.00	2.47	611.61
Burs Along Short Direction	4	20	20	80	3.10	0.0	3.10	248.00	2.47	611.61
C4'										
Burs Along Long Direction	1	25	18	18	3.50	0.0	3.50	63.00	3.85	242.76
Burs Along Short Direction	1	20	18	18	2.60	0.0	2.60	46.80	2.47	115.42

PADMAPRASAD CONSULTANTS BANGALORE

PMC

18/9/20

ASSISTANT ENGINEER

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Smt. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
C5										
Bars Along Long Direction	2	20	20	40	3.00	0.0	3.00	120.00	2.47	295.94
Bars Along Short Direction	2	20	20	40	3.00	0.0	3.00	120.00	2.47	295.94
								Sub Total		6221.67
Combined Footings										
CF1										
CF1 BEAM	1									
Top Bars		32	16	16	14.80	0.00	14.80	236.80	6.31	1495.00
Bottom Bars		32	20	20	12.40	0.00	12.40	248.00	6.31	1565.71
Stirrups6lgd #12 @ 100c/c	3	12	125	375	4.80	0.00	4.80	1800.00	0.89	1598.07
Slab										
Main Bars	1	12	125	125	3.70	0.00	3.70	462.50	0.89	410.61
Distribution	1	12	14	14.00	12.40	0.00	12.40	173.60	0.89	154.12
CF2										
CF2 BEAM	1									
Top Bars		32	9	9	15.00	0.00	15.00	135.00	6.31	852.30
Bottom Bars		32	13	13	12.60	0.00	12.60	163.80	6.31	1034.13
Stirrups4lgd #12 @ 120c/c	2	12	106	212	3.80	0.00	3.80	805.60	0.89	715.22
Slab										
Main Bars	1	12	52	52	2.4	0.00	2.40	124.80	0.89	110.80
Distribution	1	12	9	9.00	12.60	0.00	12.60	113.40	0.89	100.68
CF3										
CF3 BEAM	1									
Top Bars		32	6	6	8.50	0.00	8.50	51.00	6.31	321.98
Bottom Bars		32	10	10	6.90	0.00	6.90	69.00	6.31	435.62
Stirrups4lgd #12 @ 120c/c	2	12	59	117	3.00	0.00	3.00	351.00	0.89	311.62
Slab										
Main Bars	1	12	70	70	3.1	0.00	3.10	217.00	0.89	192.66
Distribution	1	12	12	12.00	6.90	0.00	6.90	82.80	0.89	73.51

Asst. Executive Eng
Project Division
Yelahanka Zone
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

30/9/20

PMC

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

4

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Owner: Smt. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description: Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
CF4										
BEAM										
LIFT BEAM	2									
Top Bars- 4/#25	1	25	4	8	2.50	0.00	2.50	20.00	3.85	77.07
Addl Bar at bottom 4/#25	1	25	4	8	2.50	0.0	2.50	20.00	3.85	77.07
Stirrups- 2LGD #16@200 c/c	1	16	14	27	4.30	0.00	4.30	116.10	1.58	183.24
#12 @ 200c/c Each Face	2	12	12	47	2.50	0.00	2.50	117.50	0.89	104.32
200 thck. Lift Wall	2									
Top Bars- 4/#25	1	25	4	8	5.40	0.00	5.40	43.20	3.85	166.47
Addl Bar at bottom 4/#25	1	25	4	8	5.40	0.0	5.40	43.20	3.85	166.47
Stirrups- 2LGD #16@200 c/c	1	16	28	56	4.30	0.00	4.30	240.80	1.58	380.06
#12 @ 200c/c Each Face	2	12	12	47	5.40	0.00	5.40	253.80	0.89	225.33
SLAB										
Main Bars Top #16@140c/c	1	16	40	40	2.50	0.0	2.50	98.93	1.58	156.14
Distribution Bars #12@200c/c	1	12	14	14	5.40	0.0	5.40	72.90	0.89	64.72
Main Bars Bottom #12@250c/c	1	12	23	23	2.50	0.0	2.50	56.50	0.89	50.16
Distribution Bars #12@200c/c	1	12	11	11	5.40	0.0	5.40	59.40	0.89	52.74
									Sub Total	11075.81
Columns upto ground Floor Roof										
C1	1	25	20	20	6.23	0.00	6.23	124.50	3.85	479.74
Rectangle Rings @ 250 c/c	1	8	25	25	1.66	0.00	1.66	41.50	0.39	16.38
Rectangle Rings @ 250 c/c	1	8	25	25	1.66	0.00	1.66	41.50	0.39	16.38
Rectangle Rings @ 250 c/c	1	8	25	25	1.20	0.00	1.20	30.00	0.39	11.84

RUDRAPRASAD CONSULTANTS BANGALORE

8/10/20

PMC

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Asst. Executive E
Project Divisi
Yelahanka Zo
BBMP, Bangalo

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Name: Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description: Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
C2	4	25	12	48	6.23	0.00	6.23	298.80	3.85	1151.38
Rectangle Rings @ 250 c/c	4	8	26	104	1.80	0.00	1.80	187.20	0.39	73.87
Rectangle Rings @ 250 c/c	4	8	26	104	0.60	0.00	0.60	62.40	0.39	24.62
C3,C3',C3'',C3'''	6	25	8	48	6.23	0.00	6.23	298.80	3.85	1151.38
Rectangle Rings @ 250 c/c	6	8	26	156	1.20	0.00	1.20	187.20	0.39	73.87
Single Rings @ 250 c/c	6	8	26	156	1.20	0.00	1.20	187.20	0.39	73.87
C4 and C4'	7	25	6	42	6.23	0.00	6.23	261.45	3.85	1007.46
Rectangle Rings @ 250 c/c	7	8	26	182	1.80	0.00	1.80	327.60	0.39	129.27
Rectangle Rings @ 250 c/c	7	8	26	182	1.80	0.00	1.80	327.60	0.39	129.27
C5	2	20	6	12	6.23	0.00	6.23	74.70	2.47	184.22
Rectangle Rings @ 250 c/c	2	8	26	52	1.80	0.00	1.80	93.60	0.39	36.93
Single Rings @ 250 c/c	2	8	26	52	0.60	0.00	0.60	31.20	0.39	12.31
C6	4	16	6	24	6.23	0.00	6.23	149.40	1.58	235.80
Rectangle Rings @ 250 c/c	4	8	26	104	1.60	0.00	1.60	166.40	0.39	65.66
Single Rings @ 250 c/c	4	8	26	104	0.40	0.00	0.40	41.60	0.39	16.41
									Sub Total	4890.65
Plinth Beam										
PB2	2									
Along Grid 1 and 3 Between A and F										
top bars		16	2	4	14.70	0.00	14.70	58.80	1.58	92.81
bottom bars		20	2	4	13.80	0.00	13.80	55.20	2.47	136.13
2L-#8mm @150c/cstirrups		8	93	186	1.30	0.00	1.30	241.80	0.39	95.41
PB2	3									
Along Grid 7' Between D and H'										
top bars		16	2	6	18.40	0.00	18.40	110.40	1.58	174.25
bottom bars		20	2	6	17.50	0.00	17.50	105.00	2.47	258.95
2L-#8mm @150c/cstirrups		8	118	353	1.30	0.00	1.30	458.90	0.39	181.07

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

22/10/20

ASSISTANT ENGINEER

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

22/10/20

ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Owner: Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description: Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
PB1	2									
Along Grid 4 and 7										
top bars		16	2	4	7.00	0.00	7.00	28.00	1.58	44.19
bottom bars		25	2	4	6.10	0.00	6.10	24.40	3.85	94.02
2L-#8mm @150c/cstirrups		8	42	83	1.30	0.00	1.30	108.33	0.39	42.75
PB1	2									
Along Grid A and D between 4 and 7'										
top bars		16	2	4	6.30	0.00	6.30	25.20	1.58	39.77
bottom bars		25	2	4	5.40	0.00	5.40	21.60	3.85	83.23
2L-#8mm @150c/cstirrups		8	37	74	1.30	0.00	1.30	96.20	0.39	37.96
PB2	2									
Along Grid A and D between 4 and 1										
top bars		16	2	4	12.60	0.00	12.60	50.40	1.58	79.55
bottom bars		20	2	4	11.70	0.00	11.70	46.80	2.47	115.42
2L-#8mm @150c/cstirrups		8	79	158	1.30	0.00	1.30	205.40	0.39	81.05
PB1	2									
Along Grid E and F between 7' and 1										
top bars		16	2	4	17.90	0.00	17.90	71.60	1.58	113.01
bottom bars		25	2	4	17.00	0.00	17.00	68.00	3.85	262.03
2L-#8mm @150c/cstirrups		8	114	229	1.30	0.00	1.30	297.27	0.39	117.30
PB2	1									
Along Grid H' between 7' and 1										
top bars		16	2	2	17.90	0.00	17.90	35.80	1.58	56.50
bottom bars		20	2	2	17.00	0.00	17.00	34.00	2.47	83.85
2L-#8mm @150c/cstirrups		8	114	114	1.30	0.00	1.30	148.63	0.39	58.65
PB2	1									
Inclined										
top bars		16	2	2	7.80	0.00	7.80	15.60	1.58	24.62
bottom bars		20	2	2	6.90	0.00	6.90	13.80	2.47	34.03
2L-#8mm @150c/cstirrups		8	47	47	1.30	0.00	1.30	61.10	0.39	24.11
								Sub Total		**2330.66**

PUDHAPRASAD CONSULTANTS BANGALORE

28/10/20

Asst. Executive Engr
Project Division
Yelahanka Zone
BBMP, Bangalore

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Owner: Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description: Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
Roof Beam										
B1(300X600)	1									
Along grid -1 between A & F										
top bars		25	2	2	15.95	0.00	15.95	31.90	3.85	122.92
top extra bars at A'		25	3	3	2.90	0.00	2.90	8.70	3.85	33.52
top extra bars at D		25	2	2	3.05	0.00	3.05	6.10	3.85	23.51
bottom bars		25	4	4	14.75	0.00	14.75	59.00	3.85	227.35
2LGD 10# stirrups @ 300C/C		10	50	50	1.80	0.00	1.80	90.30	0.62	55.67
B2(300X600)	1									
Along grid -4 between A & D										
top bars		20	2	2	15.00	0.00	15.00	30.00	2.47	73.98
top extra bars at D		25	5	5	3.25	0.00	3.25	16.25	3.85	62.62
bottom bars		25	3	3	13.80	0.00	13.80	41.40	3.85	159.53
2LGD 10# stirrups @ 300C/C		10	28	28	1.80	0.00	1.80	49.80	0.62	30.70
2LGD 10# stirrups @ 140C/C		10	26	26	1.80	0.00	1.80	46.80	0.62	28.85
2LGD 10# stirrups @ 250C/C		10	10	10	1.80	0.00	1.80	18.36	0.62	11.32
B4(450X600)	1									
Along grid -4 between F & H'										
top bars		32	3	3	11.30	0.00	11.30	33.90	6.31	214.02
bottom bars		32	6	6	10.10	0.00	10.10	60.60	6.31	382.59
bottom Extra bars		32	4	4	6.75	0.00	6.75	27.00	6.31	170.46
2LGD 10# stirrups @ 100C/C		10	59	59	2.10	0.00	2.10	123.90	0.62	76.39
2LGD 10# stirrups @ 100C/C		10	40	40	2.10	0.00	2.10	82.95	0.62	51.14

Asst. Executive Engg
Project Division
Yelahanka Zone
BBMP, Bangalore

PUDHAPRASAD CONSULTANTS BANGALORE

2/11/20

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Owner: Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description: Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
B5(300X600)	1									
Along grid -7 between A & H'										
top bars		20	2	2	25.40	0.00	25.40	50.80	2.47	125.28
bottom bars		25	2	2	24.20	0.00	24.20	48.40	3.85	186.50
Top Extra bars		20	2	2	2.85	0.00	2.85	5.70	2.47	14.06
2LGD 8# stirrups @ 150C/C		8	97	97	1.80	0.00	1.80	174.60	0.39	68.89
2LGD 10# stirrups @ 150C/C		8	64	64	1.80	0.00	1.80	115.80	0.39	45.69
B6(300X600)	1									
Along grid -1 between A & F										
top bars		20	2	2	6.40	0.00	6.40	12.80	2.47	31.57
bottom bars		25	2	2	5.20	0.00	5.20	10.40	3.85	40.07
2LGD 8# stirrups @ 300C/C		8	18	18	1.80	0.00	1.80	33.00	0.39	13.02
B6(300X600)	1									
Along grid -1 between A & F										
top bars		20	2	2	18.20	0.00	18.20	36.40	2.47	89.77
bottom bars		25	2	2	17.00	0.00	17.00	34.00	3.85	131.01
2LGD 8# stirrups @ 300C/C		8	58	58	1.80	0.00	1.80	103.80	0.39	40.96
B7(300X600)	1									
Along grid -7 between A & H'										
top bars		20	2	2	18.30	0.00	18.30	36.60	2.47	90.26
bottom bars		25	5	5	17.10	0.00	17.10	85.50	3.85	329.46
Top Extra bars @4'		25	4	4	2.95	0.00	2.95	11.80	3.85	45.47
Top Extra bars @3'		25	7	7	3.95	0.00	3.95	27.65	3.85	106.55
Bottom Extra bars @3'		25	4	4	5.75	0.00	5.75	23.00	3.85	88.63
2LGD 10# stirrups @ 300C/C		10	49	49	1.80	0.00	1.80	88.20	0.62	54.38
2LGD 10# stirrups @ 100C/C		10	96	96	1.80	0.00	1.80	172.80	0.62	106.54

PRUDHVIPRASAD CONSULTANTS BANGALORE

Asst. Executive Engine
Project Division
Yelahanka Zone
BBMP, Bangalore - 9

13/11/20

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Owner: Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Description: Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
B8(300X600)	1									
Along grid -7 between A & H'										
top bars		25	2	2	18.30	0.00	18.30	36.60	3.85	141.03
bottom bars		25	6	6	17.10	0.00	17.10	102.60	3.85	395.35
Top Extra bars @4		25	2	2	2.95	0.00	2.95	5.90	3.85	22.73
Top Extra bars @3'		25	6	6	3.90	0.00	3.90	23.40	3.85	90.17
Bottom Extra bars @3'		25	3	3	5.60	0.00	5.60	16.80	3.85	64.74
2LGD 12# stirrups @ 100C/C		12	81	81	1.80	0.00	1.80	145.80	0.89	129.44
2LGD 12# stirrups @ 150C/C		12	33	33	1.80	0.00	1.80	59.40	0.89	52.74
2LGD 12# stirrups @ 150C/C		12	25	25	1.80	0.00	1.80	45.00	0.89	39.95
B9(300X750)	1									
Along grid -7 between A & H'										
top bars		25	2	2	18.20	0.00	18.20	36.40	3.85	140.26
bottom bars		25	5	5	17.00	0.00	17.00	85.00	3.85	327.54
Top Extra bars @3'		25	6	6	5.00	0.00	5.00	30.00	3.85	115.60
Bottom Extra bars		25	3	3	6.15	0.00	6.15	18.45	3.85	71.09
2LGD 12# stirrups @ 100C/C		12	101	101	2.10	0.00	2.10	212.10	0.89	188.31
2LGD 12# stirrups @ 100C/C		12	67	67	2.10	0.00	2.10	139.65	0.89	123.98
B10(300X750)	1									
Along grid -7 between A & H'										
top bars		32	4	4	18.20	0.00	18.20	72.80	6.31	459.61
bottom bars		32	4	4	17.00	0.00	17.00	68.00	6.31	429.31
Top Extra bars @3		25	3	3	5.05	0.00	5.05	15.15	3.85	58.38
Bottom Extra bars @3'		32	3	3	6.10	0.00	6.10	18.30	6.31	115.53
2LGD 12# stirrups @ 120C/C		12	143	143	2.10	0.00	2.10	299.60	0.89	265.99

RUDHRAPRASAD CONSULTANTS BANGALORE

18/11/20

Asst. Executive Engir
Project Division
Yelahanka Zone
BBMP, Bangalore - 5

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
B11(200X450)	2									
Along grid -7 between A & H'										
top bars		16	2	4	3.40	0.00	3.40	13.60	1.58	21.47
bottom bars		20	2	4	2.50	0.00	2.50	10.00	2.47	24.66
2LGD 8# stirrups @ 200C/C		8	14	27	1.30	0.00	1.30	35.10	0.39	13.85
B11(200X450)	2									
Along grid -7 between A & H'										
top bars		16	2	4	3.60	0.00	3.60	14.40	1.58	22.73
bottom bars		20	2	4	2.70	0.00	2.70	10.80	2.47	26.63
2LGD 8# stirrups @ 200C/C		8	15	29	1.30	0.00	1.30	37.70	0.39	14.88
B12(300X350)	2									
Along grid -7 between A & H'										
top bars		20	2	4	10.63	0.00	10.63	42.52	2.47	104.86
bottom bars		25	2	4	9.93	0.00	9.93	39.72	3.85	153.06
Top Extra bars		25	2	4	4.10	0.00	4.10	16.40	3.85	63.20
Top Extra bars		25	2	4	3.80	0.00	3.80	15.20	3.85	58.57
2LGD 8# stirrups @ 130C/C		8	77	155	1.20	0.00	1.20	185.72	0.39	73.28
B13(350X600)	2									
Along grid -7 between A & H'										
top bars		32	3	6	10.20	0.00	10.20	61.20	6.31	386.38
bottom bars		32	5	10	9.50	0.00	9.50	95.00	6.31	599.77
Top Extra bars		25	3	6	3.70	0.00	3.70	22.20	3.85	85.54
Bottom Extra bars		32	3	6	5.90	0.00	5.90	35.40	6.31	223.49
2LGD 10# stirrups @ 100C/C		10	96	192	1.90	0.00	1.90	364.80	0.62	224.91
B14(300X600)	1									
Along grid -7 between A & H'										
top bars		32	2	2	10.35	0.00	10.35	20.70	6.31	130.69
bottom bars		32	3	3	9.65	0.00	9.65	28.95	6.31	182.77
Top Extra bars @4		25	2	2	3.70	0.00	3.70	7.40	3.85	28.51
Top Extra bars @4		32	2	2	5.90	0.00	5.90	11.80	6.31	74.50
2LGD 8# stirrups @ 120C/C		8	81	81	1.90	0.00	1.90	154.69	0.39	61.04
								Sub Total		**9139.24**

RUDRAPRASAD CONSULTANTS BANGALORE

Asst. Executive Engi
Project Division
Yelahanka Zone
BBMP, Bangalore -

25/11/20

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Srl. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
Roof slab										
SLAB between grid A(Slab Projection)-D and 1-3'										
12# @100 c/c crank bars alt	1	12	43	43	7.00	0.00	7.00	301.00	0.89	267.23
12# @100 c/c crank bars alt	1	12	43	43	8.35	2.02	10.37	445.74	0.89	395.73
16# @ 200 C/C EXTRA at top	1	16	43	43	3.10	0.00	3.10	133.30	1.58	210.39
16# @ 100 C/C EXTRA at top	1	16	85	85	2.10	0.00	2.10	178.50	1.58	281.73
12# @130 c/c crank bars alt	1	12	28	28	8.40	0.00	8.40	234.55	0.89	208.24
12# @130 c/c crank bars alt	1	12	28	28	8.40	2.02	10.42	290.85	0.89	258.22
SLAB between grid A(Slab Projection)-D and 3'-5										
12# @100 c/c crank bars alt	1	12	36	36	4.00	0.00	4.00	144.00	0.89	127.85
12# @100 c/c crank bars alt	1	12	36	36	4.00	2.02	6.02	216.58	0.89	192.28
16# @ 100 C/C EXTRA at top	1	16	71	71	2.10	0.00	2.10	149.10	1.58	235.33
10# @250 c/c distribution	1	10	17	17	7.00	0.00	7.00	119.00	0.62	73.37
SLAB between grid D-F and 1-3'										
12# @100 c/c crank bars alt	1	12	43	43	7.85	0.00	7.85	337.55	0.89	299.68
12# @100 c/c crank bars alt	1	12	43	43	11.10	2.02	13.12	563.99	0.89	500.72
16# @ 260 C/C EXTRA at top	1	16	33	33	3.40	0.00	3.40	113.25	1.58	178.74
10# @250 c/c distribution	1	10	32	32	8.40	0.00	8.40	272.16	0.62	167.80

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

30/11/20

ASSISTANT ENGINEER

Asst. Executive Eng
Project Divisio
Yelahanka Zon
BBMP, Bangalore

30/11/20

ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
SLAB between grid D-F and 3'-7'										
12# @100 c/c crank bars alt	1	12	46	46	7.85	0.00	7.85	357.18	0.89	317.10
12# @100 c/c crank bars alt	1	12	46	46	9.35	2.02	11.37	517.15	0.89	459.14
16# @ 260 C/C EXTRA at top	1	16	35	35	3.40	0.00	3.40	119.78	1.58	189.06
10# @250 c/c distribution	1	10	32	32	8.90	0.00	8.90	288.36	0.62	177.78
SLAB between grid F-H' and 1'-7'										
12# @130 c/c crank bars alt	1	12	39	39	17.00	0.00	17.00	667.58	0.89	592.68
12# @130 c/c crank bars alt	1	12	39	39	17.00	2.02	19.02	746.74	0.89	662.97
16# @ 260 C/C EXTRA at top	1	16	39	39	1.50	0.00	1.50	58.90	1.58	92.97
16# @ 260 C/C EXTRA at top	1	16	39	39	1.60	0.00	1.60	62.83	1.58	99.17
16# @ 260 C/C EXTRA at top	1	16	39	39	2.20	0.00	2.20	86.39	1.58	136.36
16# @ 260 C/C EXTRA at top	1	16	39	39	2.60	0.00	2.60	102.10	1.58	161.15
10# @250 c/c distribution	1	10	69	69	9.95	0.00	9.95	686.55	0.62	423.28
Near Staircase Slab Projection										
10# @250 c/c distribution	1	10	6	6	17.00	0.00	17.00	98.60	0.62	60.79
10# @250 c/c distribution	1	10	22	22	1.20	0.00	1.20	26.16	0.62	16.13
								Sub Total		**6785.89**
Staircase										
1st flight	1									
16# @100c/c main		16	16	16	7.40	0.00	7.40	118.40	1.58	186.88
10# @200c/c dis		10	38	38	1.50	0.00	1.50	57.00	0.62	35.34
2nd flight	1									
16# @100c/c main		16	16	16	10.40	0.00	10.40	166.40	1.58	262.64
10# @200c/c dis		10	53	53	1.50	0.00	1.50	79.50	0.62	49.01

RUDRAPRASAD CONSULTANTS BANGALORE

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

4/12/20

PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA										
Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064										
Steel calculation sheet										
PREMEASUREMENT SHEET - First & Part Bill										
Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
		mm			m	m	m	m	kg/m	Kg's
3rd flight	1									
16# @100c/c main		16	16	16	5.57	0.00	5.57	89.12	1.58	140.66
10# @200c/c dis		10	29	29	1.50	0.00	1.50	43.28	0.62	26.68
SB1 (200X600)	1									
top bars		20	3	3	7.30	0.00	7.30	21.90	2.47	54.01
bottom bars		25	4	4	6.10	0.00	6.10	24.40	3.85	94.02
2LGD 8# stirrups @120C/C		8	42	42	1.60	0.00	1.60	66.67	0.39	26.31
SB2 (200X300)	1									
top bars		10	2	2	1.90	0.00	1.90	3.80	0.62	2.34
bottom bars		20	2	2	0.70	0.00	0.70	1.40	2.47	3.45
2LGD 8# stirrups @150C/C		8	6	6	1.00	0.00	1.00	5.67	0.39	2.24
								Sub Total		883.38
							Total Steel Quantity in Kg			42078.82
							Total Steel Quantity in tonne			42.08

Asst. Executive Engin
Project Division
Yelahanka Zone
BBMP, Bangalore - 9

UDRAPRASAD CONSULTANTS BANGALORE

7/12/20

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

PREMEASUREMENT SHEET

First & Part Bill

Client		Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064							
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 24		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.(First Floor)							
Measurements taken on		18-12-20, 8-1-21 & 24-12-20							
		Columns	Tonne		From Steel Calculation			2.85	
		Roof Beam	Tonne		From Steel Calculation			8.86	
		Roof Slab	Tonne		From Steel Calculation			6.79	
		Staircase	Tonne		From Steel Calculation			0.88	
		Total Executed Quantity						**19.39**	
		Quantity Carried to Summary						**19.39**	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

RUDRAPRASAD CONSULTANTS BANGALORE

24/12/20

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Agency	Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064
Description	Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Measurements	Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage			mm			m	m	m	m	kg/m	Kg's
From To											
Item No. 24	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.(First Floor)										
Measurements taken on	18-12-20, 8-1-20, 24-12-20 18/12/20 — 24/12/20										
	Columns										
	upto First Floor Roof										
	C1	1	25	20	20	3.60	0.00	3.60	72.00	3.85	277.44
	Rectangle Rings @ 250 c/c	1	8	15	15	1.66	0.00	1.66	24.90	0.39	9.83
	Rectangle Rings @ 250 c/c	1	8	15	15	1.66	0.00	1.66	24.90	0.39	9.83
	Rectangle Rings @ 250 c/c	1	8	15	15	1.20	0.00	1.20	18.00	0.39	7.10
	C2	4	25	12	48	3.60	0.00	3.60	172.80	3.85	665.86
	Rectangle Rings @ 250 c/c	4	8	16	64	1.80	0.00	1.80	115.20	0.39	45.46
	Rectangle Rings @ 250 c/c	4	8	16	64	0.60	0.00	0.60	38.40	0.39	15.15
	C3,C3',C3",C3'"	6	25	8	48	3.60	0.00	3.60	172.80	3.85	665.86
	Rectangle Rings @ 250 c/c	6	8	16	96	1.20	0.00	1.20	115.20	0.39	45.46
	Single Rings @ 250 c/c	6	8	16	96	1.20	0.00	1.20	115.20	0.39	45.46
	C4 and C4'	7	25	6	42	3.60	0.00	3.60	151.20	3.85	582.63
	Rectangle Rings @ 250 c/c	7	8	16	112	1.80	0.00	1.80	201.60	0.39	79.55
	Rectangle Rings @ 250 c/c	7	8	16	112	1.80	0.00	1.80	201.60	0.39	79.55
	C5	2	20	6	12	3.60	0.00	3.60	43.20	2.47	106.54
	Rectangle Rings @ 250 c/c	2	8	16	32	1.80	0.00	1.80	57.60	0.39	22.73
	Single Rings @ 250 c/c	2	8	16	32	0.60	0.00	0.60	19.20	0.39	7.58
	C6	4	16	6	24	3.60	0.00	3.60	86.40	1.58	136.37
	Rectangle Rings @ 250 c/c	4	8	16	64	1.60	0.00	1.60	102.40	0.39	40.41
	Single Rings @ 250 c/c	4	8	16	64	0.40	0.00	0.40	25.60	0.39	10.10
										Sub Total	**2852.88**

RUDRAPRASAD CONSULTANTS BANGALORE

CONTRACTOR PMC ASSISTANT ENGINEER

18/12/20

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 9

ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA											
Agency	Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064										
Description	Steel calculation sheet										
PREMEASUREMENT SHEET - First & Part Bill											
Measurements	Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage			mm			m	m	m	m	kg/m	Kg's
From To											
	Roof Beam										
	B1(300X600)	1									
	Along grid -1 between A & F										
	top bars		25	2	2	25.45	0.00	25.45	50.90	3.85	196.14
	top extra bars at D		25	2	2	2.90	0.00	2.90	5.80	3.85	22.35
	top extra bars at F		25	5	5	3.05	0.00	3.05	15.25	3.85	58.76
	bottom bars		25	4	4	24.25	0.00	24.25	97.00	3.85	373.78
	bottom Extra bars		25	2	2	6.00	1.00	7.00	14.00	3.85	53.95
	2LGD 10# stirrups @ 300C/C		10	50	50	1.80	0.00	1.80	89.70	0.62	55.30
	2LGD 10# stirrups @ 100C/C		10	97	97	1.80	1.00	2.80	271.60	0.62	167.45
	B2(300X600)	1									
	Along grid -4 between A & D										
	top bars		20	2	2	15.00	0.00	15.00	30.00	2.47	73.98
	top extra bars at D		25	5	5	3.25	0.00	3.25	16.25	3.85	62.62
	bottom bars		25	3	3	13.80	0.00	13.80	41.40	3.85	159.53
	2LGD 10# stirrups @ 300C/C		10	28	28	1.80	0.00	1.80	49.80	0.62	30.70
	2LGD 10# stirrups @ 140C/C		10	26	26	1.80	0.00	1.80	46.80	0.62	28.85
	2LGD 10# stirrups @ 250C/C		10	10	10	1.80	0.00	1.80	18.36	0.62	11.32
	B4(450X600)	3									
	Along grid -4 between F & H'										
	top bars		32	3	9	11.30	0.00	11.30	101.70	6.31	642.07
	bottom bars		32	6	18	10.10	0.00	10.10	181.80	6.31	1147.77
	bottom Extra bars		32	4	12	6.75	0.00	6.75	81.00	6.31	511.38
	2LGD 10# stirrups @ 100C/C		10	59	177	2.10	0.00	2.10	371.70	0.62	229.17
	2LGD 10# stirrups @ 200C/C		10	20	61	2.10	0.00	2.10	127.58	0.62	78.65
	B5(300X600)	1									
	Along grid -7 between A & H'										
	top bars		20	2	2	25.40	0.00	25.40	50.80	2.47	125.28
	bottom bars		25	2	2	24.20	0.00	24.20	48.40	3.85	186.50
	Top Extra bars		20	2	2	2.85	0.00	2.85	5.70	2.47	14.06
	2LGD 8# stirrups @ 150C/C		8	97	97	1.80	0.00	1.80	174.60	0.39	68.89

PRAPRASAD CONSULTANTS BANGALORE

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Agency	**Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064**
Description	**Steel calculation sheet**

PREMEASUREMENT SHEET - First & Part Bill

Measurements		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage				mm			m	m	m	m	kg/m	Kg's
From	To											
		2LGD 8# stirrups @ 150C/C		8	64	64	1.80	0.00	1.80	115.80	0.39	45.69
		B6(300X600)	1									
		Along grid -1 between A & F										
		top bars		20	2	2	6.40	0.00	6.40	12.80	2.47	31.57
		bottom bars		25	2	2	5.20	0.00	5.20	10.40	3.85	40.07
		2LGD 8# stirrups @ 300C/C		8	18	18	1.80	0.00	1.80	33.00	0.39	13.02
		B6(300X600)	1									
		Along grid -1 between A & F										
		top bars		20	2	2	18.20	0.00	18.20	36.40	2.47	89.77
		bottom bars		25	2	2	17.00	0.00	17.00	34.00	3.85	131.01
		2LGD 8# stirrups @ 300C/C		8	58	58	1.80	0.00	1.80	103.80	0.39	40.96
		B7(300X600)	1									
		Along grid -7 between A & H'										
		top bars		20	2	2	18.30	0.00	18.30	36.60	2.47	90.26
		bottom bars		25	5	5	17.10	0.00	17.10	85.50	3.85	329.46
		Top Extra bars @4		25	4	4	2.95	0.00	2.95	11.80	3.85	45.47
		Top Extra bars @3'		25	7	7	3.95	0.00	3.95	27.65	3.85	106.55
		Bottom Extra bars @3'		25	4	4	5.75	0.00	5.75	23.00	3.85	88.63
		2LGD 10# stirrups @ 300C/C		10	49	49	1.80	0.00	1.80	88.20	0.62	54.38
		2LGD 10# stirrups @ 100C/C		10	96	96	1.80	0.00	1.80	172.80	0.62	106.54
		B8(300X600)	1									
		Along grid -7 between A & H'										
		top bars		25	2	2	18.20	0.00	18.20	36.40	3.85	140.26
		bottom bars		25	6	6	17.00	0.00	17.00	102.00	3.85	393.04
		Top Extra bars @4		25	2	2	2.95	0.00	2.95	5.90	3.85	22.73
		Top Extra bars @3'		25	6	6	3.90	0.00	3.90	23.40	3.85	90.17
		Bottom Extra bars @3'		25	3	3	5.60	0.00	5.60	16.80	3.85	64.74
		2LGD 12# stirrups @ 100C/C		12	81	81	1.80	0.00	1.80	145.80	0.89	129.44
		2LGD 12# stirrups @ 150C/C		12	33	33	1.80	0.00	1.80	59.40	0.89	52.74

RAJDRAPRASAD CONSULTANTS BANGALORE

Asst. Executive Engi
Project Division
Yelahanka Zone
BBMP, Bangalore -

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Agency	**Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064**
Description	**Steel calculation sheet**

PREMEASUREMENT SHEET - First & Part Bill

Measurements		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage				mm			m	m	m	m	kg/m	Kg's
From	To											
		2LGD 12# stirrups @ 150C/C		12	25	25	1.80	0.00	1.80	45.00	0.89	39.95
		B9(300X750)	1									
		Along grid -7 between A & H'										
		top bars		25	2	2	18.20	0.00	18.20	36.40	3.85	140.26
		bottom bars		25	5	5	17.00	0.00	17.00	85.00	3.85	327.54
		Top Extra bars @4		25	6	6	5.00	0.00	5.00	30.00	3.85	115.60
		Bottom Extra bars @3'		25	3	3	6.15	0.00	6.15	18.45	3.85	71.09
		2LGD 12# stirrups @ 100C/C		12	101	101	2.10	0.00	2.10	212.10	0.89	188.31
		2LGD 12# stirrups @ 100C/C		12	67	67	2.10	0.00	2.10	139.65	0.89	123.98
		B10(300X750)	1									
		Along grid -7 between A & H'										
		top bars		32	4	4	18.20	0.00	18.20	72.80	6.31	459.61
		bottom bars		32	4	4	17.00	0.00	17.00	68.00	6.31	429.31
		Top Extra bars @4		25	3	3	5.05	0.00	5.05	15.15	3.85	58.38
		Bottom Extra bars @3'		32	3	3	6.10	0.00	6.10	18.30	6.31	115.53
		2LGD 12# stirrups @ 120C/C		12	143	143	2.10	0.00	2.10	299.60	0.89	265.99
		B11(200X450)	2									
		Along grid -7 between A & H'										
		top bars		16	2	4	3.40	0.00	3.40	13.60	1.58	21.47
		bottom bars		20	2	4	2.50	0.00	2.50	10.00	2.47	24.66
		2LGD 8# stirrups @ 200C/C		8	14	27	1.30	0.00	1.30	35.10	0.39	13.85
		B11(200X450)	2									
		Along grid -7 between A & H'										
		top bars		16	2	4	3.60	0.00	3.60	14.40	1.58	22.73
		bottom bars		20	2	4	2.70	0.00	2.70	10.80	2.47	26.63
		2LGD 8# stirrups @ 200C/C		8	15	29	1.30	0.00	1.30	37.70	0.39	14.88
										Sub Total		**8864.78**

RUDRAPRASAD CONSULTANTS BANGALORE

Asst. Executive Engine
Project Division
Yelahanka Zone
BBMP, Bangalore - 9

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Agency	**Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064**
Description	**Steel calculation sheet**

PREMEASUREMENT SHEET - First & Part Bill

Measurements		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage				mm			m	m	m	m	kg/m	Kg's
From	To											
		Roof Slab										
		SLAB between grid A(Slab Projection)-D and 1-3'										
		12# @100 c/c crank bars alt	1	12	43	43	7.00	0.00	7.00	301.00	0.89	267.23
		12# @100 c/c crank bars alt	1	12	43	43	8.35	2.02	10.37	445.74	0.89	395.73
		16# @ 200 C/C EXTRA at top	1	16	43	43	3.10	0.00	3.10	133.30	1.58	210.39
		16# @ 100 C/C EXTRA at top	1	16	85	85	2.10	0.00	2.10	178.50	1.58	281.73
		12# @130 c/c crank bars alt	1	12	28	28	8.40	0.00	8.40	234.55	0.89	208.24
		12# @130 c/c crank bars alt	1	12	28	28	8.40	2.02	10.42	290.85	0.89	258.22
		SLAB between grid A(Slab Projection)-D and 3'-5										
		12# @100 c/c crank bars alt	1	12	36	36	4.00	0.00	4.00	144.00	0.89	127.85
		12# @100 c/c crank bars alt	1	12	36	36	4.00	2.02	6.02	216.58	0.89	192.28
		16# @ 100 C/C EXTRA at top	1	16	71	71	2.10	0.00	2.10	149.10	1.58	235.33
		10# @250 c/c distribution	1	10	17	17	7.00	0.00	7.00	119.00	0.62	73.37
		SLAB between grid D-F and 1-3'										
		12# @100 c/c crank bars alt	1	12	43	43	7.85	0.00	7.85	337.55	0.89	299.68
		12# @100 c/c crank bars alt	1	12	43	43	11.10	2.02	13.12	563.99	0.89	500.72
		16# @ 260 C/C EXTRA at top	1	16	33	33	3.40	0.00	3.40	113.25	1.58	178.74
		10# @250 c/c distribution	1	10	32	32	8.40	0.00	8.40	272.16	0.62	167.80

RUDRAPRASAD CONSULTANTS BANGALORE

Asst. Executive Eng
Project Divisio
Yelahanka Zon
BBMP, Bangalore

21/12/20

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

Agency	Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064
Description	Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Measurements		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage				mm			m	m	m	m	kg/m	Kg's
From	To											
		SLAB between grid D-F and 3'-7'										
		12# @100 c/c crank bars alt	1	12	46	46	7.85	0.00	7.85	357.18	0.89	317.10
		12# @100 c/c crank bars alt	1	12	46	46	9.35	2.02	11.37	517.15	0.89	459.14
		16# @ 260 C/C EXTRA at top	1	16	35	35	3.40	0.00	3.40	119.78	1.58	189.06
		10# @250 c/c distribution	1	10	32	32	8.90	0.00	8.90	288.36	0.62	177.78
		SLAB between grid F-H' and 1'-7'										
		12# @130 c/c crank bars alt	1	12	39	39	17.00	0.00	17.00	667.58	0.89	592.68
		12# @130 c/c crank bars alt	1	12	39	39	17.00	2.02	19.02	746.74	0.89	662.97
		16# @ 260 C/C EXTRA at top	1	16	39	39	1.50	0.00	1.50	58.90	1.58	92.97
		16# @ 260 C/C EXTRA at top	1	16	39	39	1.60	0.00	1.60	62.83	1.58	99.17
		16# @ 260 C/C EXTRA at top	1	16	39	39	2.20	0.00	2.20	86.39	1.58	136.36
		16# @ 260 C/C EXTRA at top	1	16	39	39	2.60	0.00	2.60	102.10	1.58	161.15
		10# @250 c/c distribution	1	10	69	69	9.95	0.00	9.95	686.55	0.62	423.28
		Near Staircase Slab Projection										
		10# @250 c/c distribution	1	10	6	6	17.00	0.00	17.00	98.60	0.62	60.79
		10# @250 c/c distribution	1	10	22	22	1.20	0.00	1.20	26.16	0.62	16.13
										Sub Total		**6785.89**
		Staircase										
		1st flight	1									
		16# @100c/c main		16	16	16	7.40	0.00	7.40	118.40	1.58	186.88
		10# @200c/c dis		10	38	38	1.50	0.00	1.50	57.00	0.62	35.14
		2nd flight	1									
		16# @100c/c main		16	16	16	10.40	0.00	10.40	166.40	1.58	262.64
		10# @200c/c dis		10	53	53	1.50	0.00	1.50	79.50	0.62	49.01

RUDRAPRASAD CONSULTANTS BANGALORE

Asst. Executive Engi
Project Division
Yelahanka Zone
BBMP, Bangalore -

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA												
Agency		Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064										
Description		Steel calculation sheet										
PREMEASUREMENT SHEET - First & Part Bill												
Measurements		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage				mm			m	m	m	m	kg/m	Kg's
From	To											
		3rd flight	1									
		16# @100c/c main		16	16	16	5.57	0.00	5.57	89.12	1.58	140.66
		10# @200c/c dis		10	29	29	1.50	0.00	1.50	43.28	0.62	26.68
		SB1 (200X600)	1									
		top bars		20	3	3	7.30	0.00	7.30	21.90	2.47	54.01
		bottom bars		25	4	4	6.10	0.00	6.10	24.40	3.85	94.02
		2LGD 8# stirrups @120C/C		8	42	42	1.60	0.00	1.60	66.67	0.39	26.31
		SB2 (200X300)	1									
		top bars		10	2	2	1.90	0.00	1.90	3.80	0.62	2.34
		bottom bars		20	2	2	0.70	0.00	0.70	1.40	2.47	3.45
		2LGD 8# stirrups @150C/C		8	6	6	1.00	0.00	1.00	5.67	0.39	2.24
										Sub Total		883.38
								Total Steel Quantity in Kg				19386.92
								Total Steel Quantity in tonne				19.39

Asst. Executive Enginee
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

PRASAD CONSULTANTS BANGALORE

24/12/20

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

PREMEASUREMENT SHEET

First & Part Bill

Client		Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064							
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 79		Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) complete as per specifications and directions of Engineer incharge of work.							
Measurements taken on		7-11-20 7/11/20							
		Building Plinth Area							
			Cum	1	15.8	17	0.45	120.87	
			Cum	1	2	17	0.45	15.30	
			Cum	1	5.5	7.6	0.45	18.81	
		DeductionFor Plinth Beam							
		PB2	Cum	-2	12	0.2	0.45	-2.16	
		PB1	Cum	-2	5.5	0.2	0.45	-0.99	
		PB2	Cum	-1	14.8	0.2	0.45	-1.33	
		PB1	Cum	-2	4.2	0.2	0.45	-0.76	
		PB2	Cum	-2	3	0.2	0.45	-0.54	
		PB1	Cum	-1	7.7	0.2	0.45	-0.69	
		PB1	Cum	-2	7.4	0.2	0.45	-1.33	
		PB1	Cum	-1	7.65	0.2	0.45	-0.69	
		PB1	Cum	-1	8.1	0.2	0.45	-0.73	
		PB1	Cum	-1	8.25	0.2	0.45	-0.74	
		PB2	Cum	-1	6.7	0.2	0.45	-0.60	
		PB2	Cum	-1	3.9	0.2	0.45	-0.35	
		PB2	Cum	-1	3.6	0.2	0.45	-0.32	
		PB2	Cum	-1	3.5	0.2	0.45	-0.32	
		PB2	Cum	-1	3.3	0.2	0.45	-0.30	
		Total Executed Quantity						143.13	
		Quantity Carried to Summary						143.13	

Asst. Executive Engir
Project Division
Yelahanka Zone
BBMP, Bangalore - 5

RUDRAPRASAD CONSULTANTS BANGALORE

7/11/20

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER